

TMP718-AM

June 2021



Alloy	Fe	Ni	Cr	Nb	Mo	Ti	Others
TMP718-AM	Balance	50-55	17-21	4.75-5.5	2.8-3.3	0.65-1.15	Al, Si, Mn, Cu
Powder Morphology:	Gas Atomized						
Particles Sizes Available:	15-45 µm, and others upon request						
Particle Size Distribution:	D10		D50		D90		
	19.2µm		32.6µm		54.3 µm		
Apparent Density:	4.64g/cm ³						
Tap Density:	5.12g/cm ³						
Flow Rate:	15.5s/50g						

Application:

- Gas turbine blades and seals
- Aerospace parts
- Chemical processing

Manufacturing Process:

- Additive Manufacturing

Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

Packaging:

5kg/ bottle, others upon request

Product Overview

TMP718-AM is designed to be highly resistant to severely corrosive environments. Its excellent mechanical properties and high strength make it a mainstay material for several industries including chemical processing, aerospace, oil and gas.

Contact: tmetal.com/contact